

ABSTRACT

The present invention discloses an 802.1X protocol-based multicasting control method. According to the method, an authenticated subscriber intercepts the message while sending a request message for joining in a multicasting group, then obtains the port and MAC address information from the intercepted message, searches corresponding subscriber account information from the authenticated data according to said port and MAC address, then authenticates the subscriber's account number and multicasting IP address, and adds the subscriber to the multicasting group after successful authentication; therefore, controlled multicasting, authentication of the legality of adding to multicasting, and accounting can be achieved according to the method, which can also protect existing investment and compatibility with existing software of the subscriber.

Fig.4